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8/17/99

**stv** STV Engineers, Inc.  
 2151 Hawkins St., Suite 1400  
 Charlotte, NC 28203  
 NC License Number F-0991

TIP NO.	SHEET NO.
50791	PMP-2

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

SEAL



12/23/2025

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

## FINAL PAVEMENT MARKING SCHEDULE

### PAVEMENT MARKINGS

<u>SYMBOL</u>	<u>DESCRIPTION</u>
THERMOPLASTIC (4", 90 MIL)	
T1	WHITE EDGE LINE
T2	WHITE SOLID LANE LINE
T3	10 FT. WHITE SKIP
T4	3 FT. - 9 FT. / SP WHITE MINISKIP
T10	YELLOW EDGELINE
T11	YELLOW SINGLE CENTER
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC (6", 90 MIL)	
T20	WHITE EDGE LINE
T21	WHITE SOLID LANE LINE
T23	3 FT. - 9 FT. / SP WHITE MINISKIP
T30	YELLOW EDGELINE
T33	YELLOW DOUBLE CENTER
THERMOPLASTIC (8", 90 MIL)	
T40	WHITE GORELINE
T41	WHITE DIAGONAL
T42	YELLOW DIAGONAL
T45	3 FT. - 3 FT. / SP WHITE MINISKIP
T46	WHITE CROSSWALK LINE
THERMOPLASTIC (24", 90 MIL)	
T61	24" WHITE STOPBAR
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MIL)	
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T73	COMBO LEFT/ STRAIGHT ARROW
T74	COMBO RIGHT/ STRAIGHT ARROW
T79	MERGE ARROW
T103	24" YIELD LINE TRIANGLE

12/19/2025  
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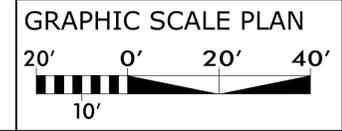
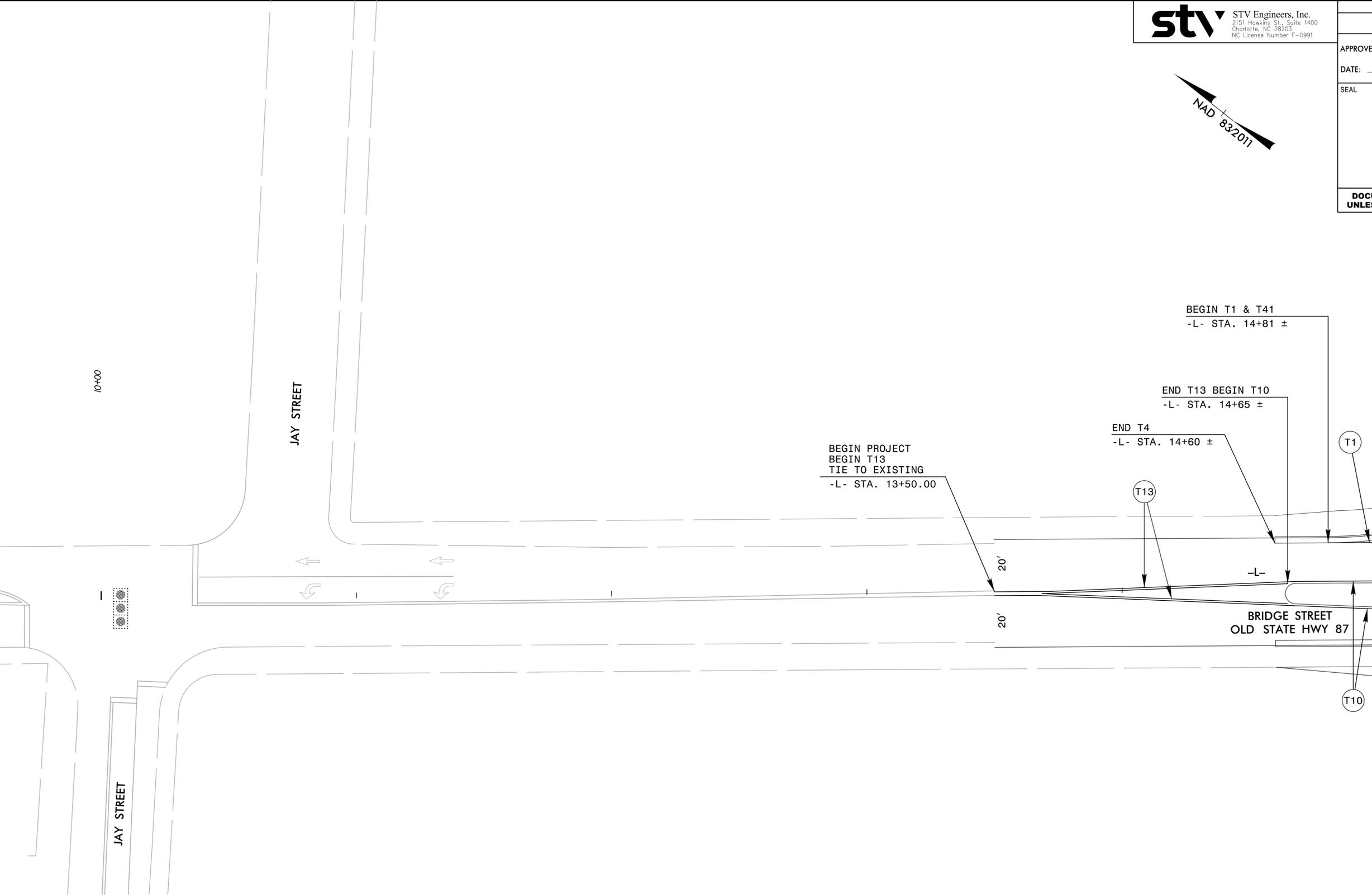
**stv** STV Engineers, Inc.  
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Charlotte, NC 28203  
NC License Number F-0991

TIP NO.	SHEET NO.
50791	PMP-3

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_



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SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

**PAVEMENT MARKING DETAIL**

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COL:CVS



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Charlotte, NC 28203  
NC License Number F-0991

TIP NO.	SHEET NO.
50791	PMP-5

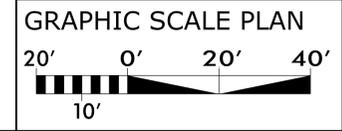
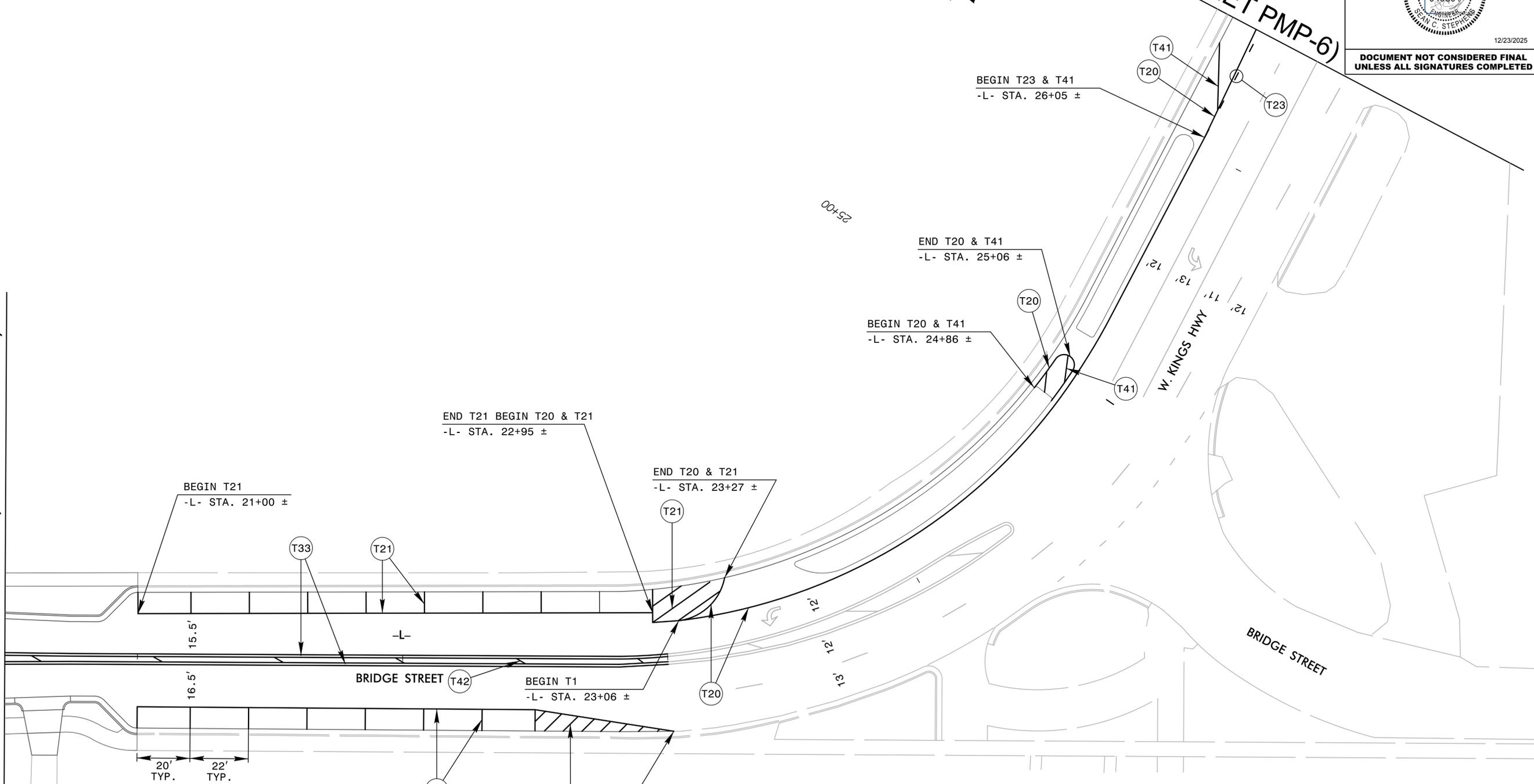
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DATE: \_\_\_\_\_



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UNLESS ALL SIGNATURES COMPLETED**

MATCHLINE -L- STA 20+50.00 (SHEET PMP-4)

MATCHLINE  
-L- STA 26+50.00 (SHEET PMP-6)



SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

**PAVEMENT MARKING DETAIL**

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Charlotte, NC 28203  
NC License Number F-0991

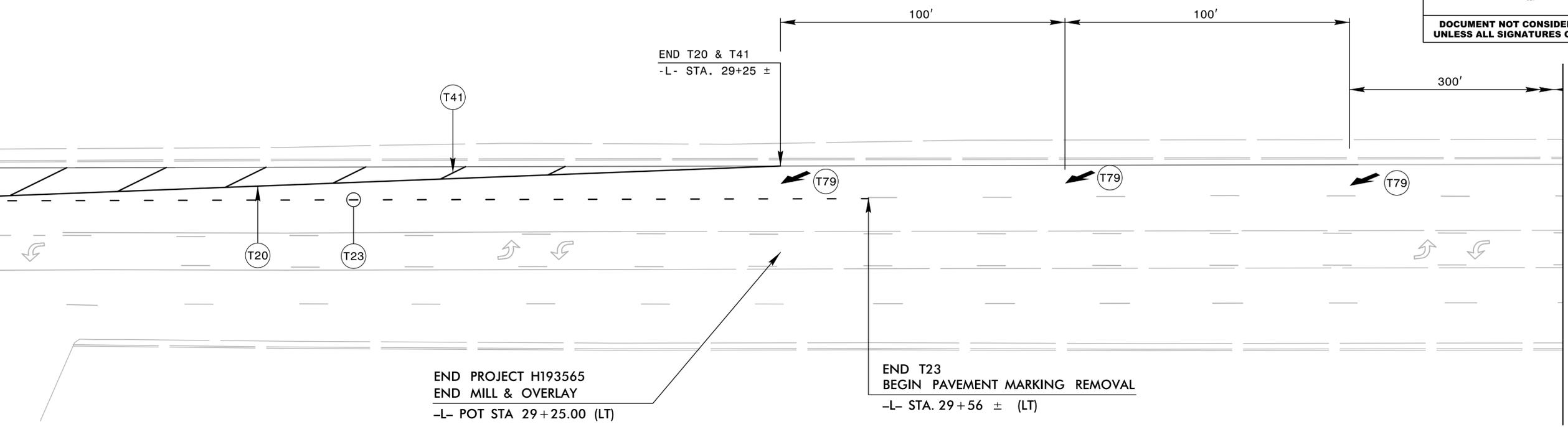
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APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_



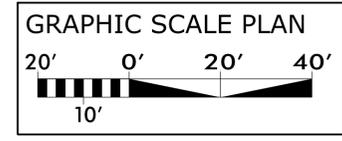
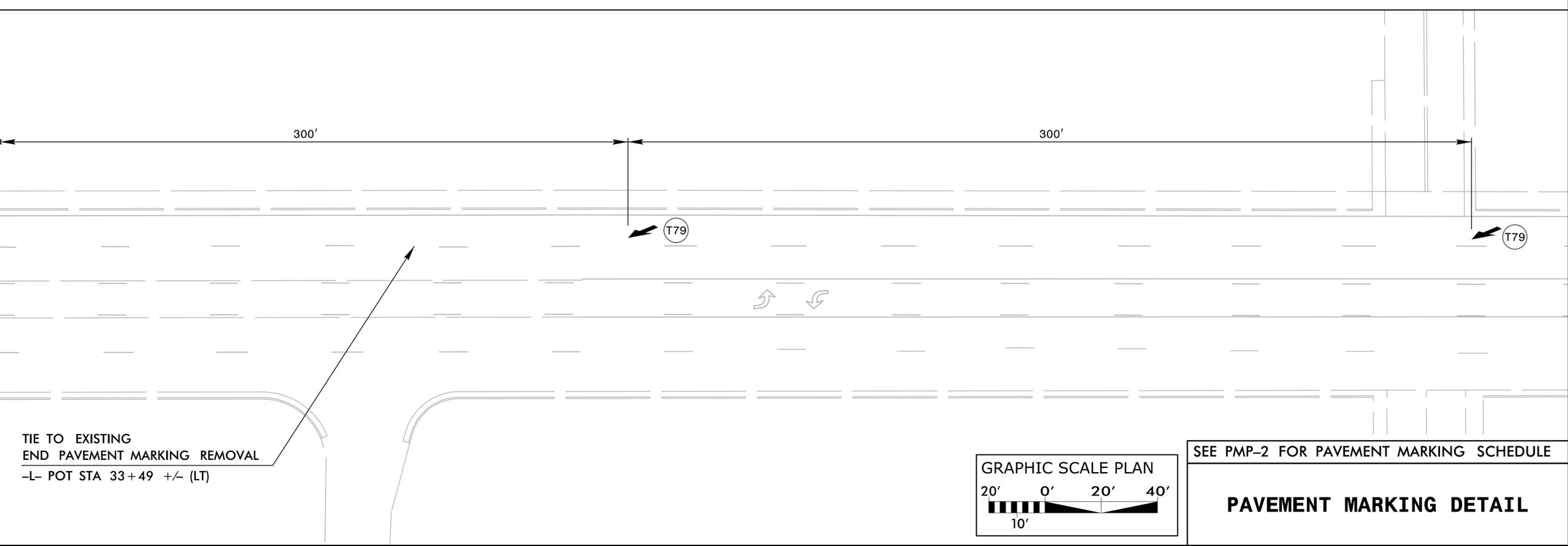
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UNLESS ALL SIGNATURES COMPLETED**

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MATCHLINE  
-L- STA 32+00.00 (BOTTOM)

MATCHLINE -L- STA 32+00.00 (TOP)



SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

**PAVEMENT MARKING DETAIL**

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NC License Number F-0991

TIP NO.	SHEET NO.
50791	PMP-7

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DATE: \_\_\_\_\_



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UNLESS ALL SIGNATURES COMPLETED**



**MATCHLINE -Y- STA 14+50.00 (SHEET PMP-4)**

10+00

BEGIN T13  
TIE TO EXISTING  
-Y- STA. 12+95.00

END T13 BEGIN T10  
-Y- STA. 13+70 ±

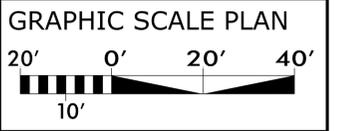
T13

T10

BOONE STREET  
OLD STATE HWY 770

15'

12'



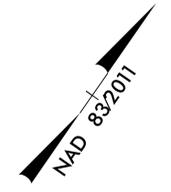
SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

**PAVEMENT MARKING DETAIL**

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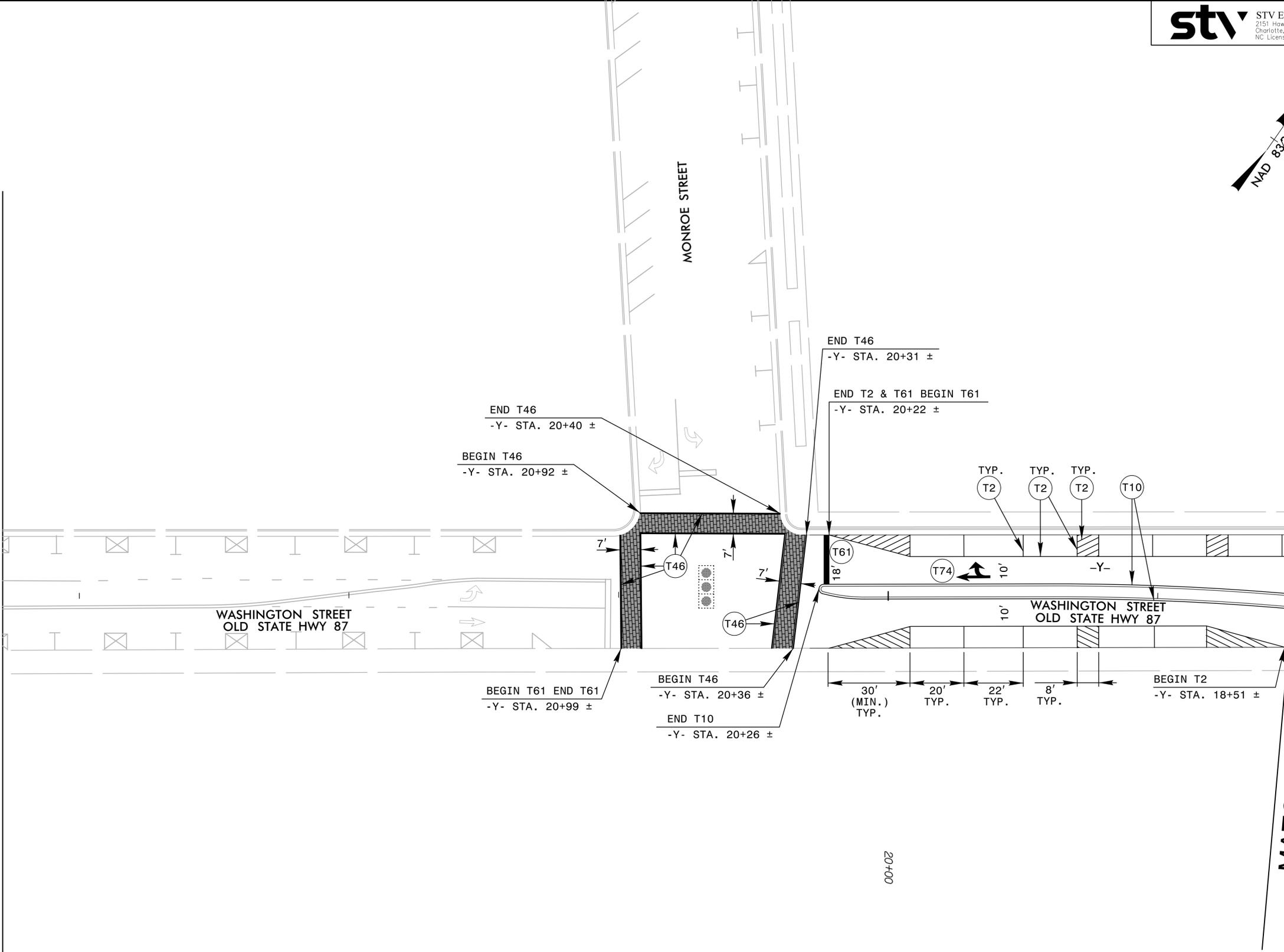
8/17/99

TIP NO. 50791	SHEET NO. PMP-8
APPROVED: _____	
DATE: _____	
SEAL	
 12/23/2025	
<b>DOCUMENT NOT CONSIDERED FINAL          UNLESS ALL SIGNATURES COMPLETED</b>	



MATCHLINE (SHEET PMP-9)

MATCHLINE -Y- STA 18+50.00 (SHEET PMP-4)



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**LEGEND**

PROPOSED STAMPED ASPHALT CROSSWALK 

GRAPHIC SCALE PLAN

20' 0' 20' 40'

10'

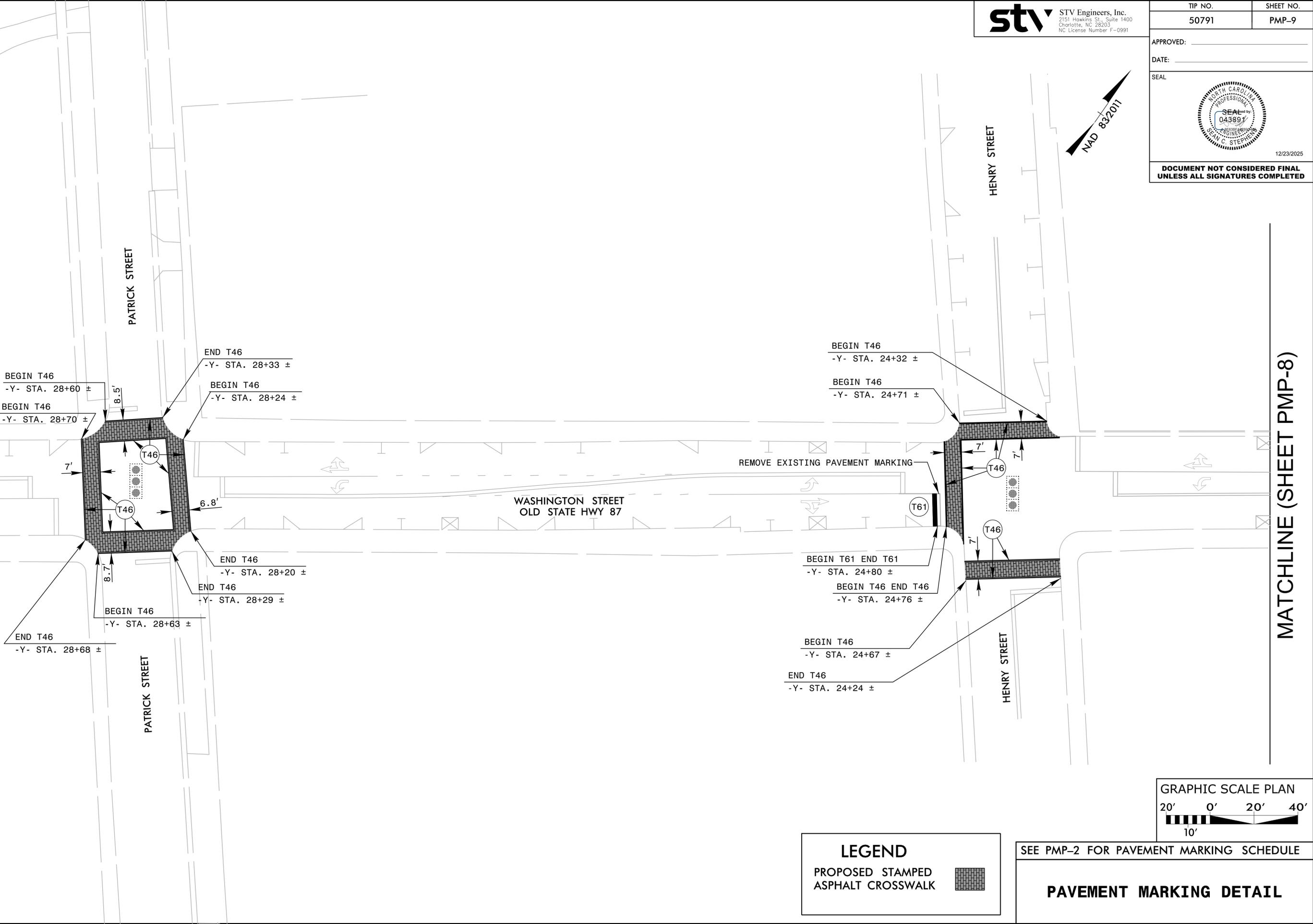
SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

**PAVEMENT MARKING DETAIL**



8/17/99

12/19/2025  
I:\19\2025  
PMP-9.dgn

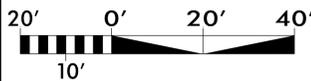


MATCHLINE (SHEET PMP-8)

**LEGEND**

PROPOSED STAMPED ASPHALT CROSSWALK 

GRAPHIC SCALE PLAN



SEE PMP-2 FOR PAVEMENT MARKING SCHEDULE

**PAVEMENT MARKING DETAIL**

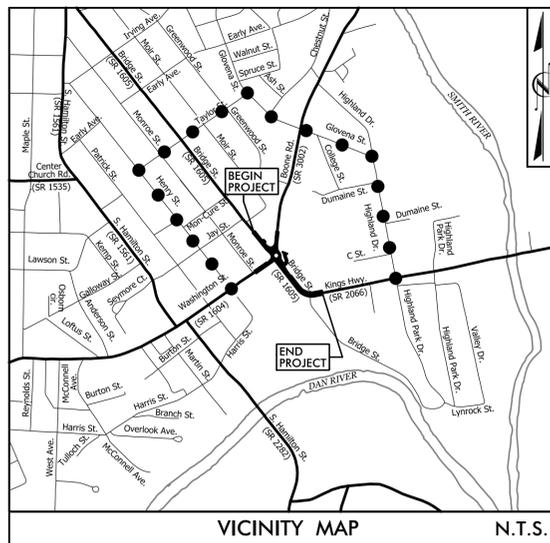
**TIP PROJECT: H193565**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

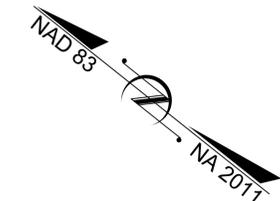
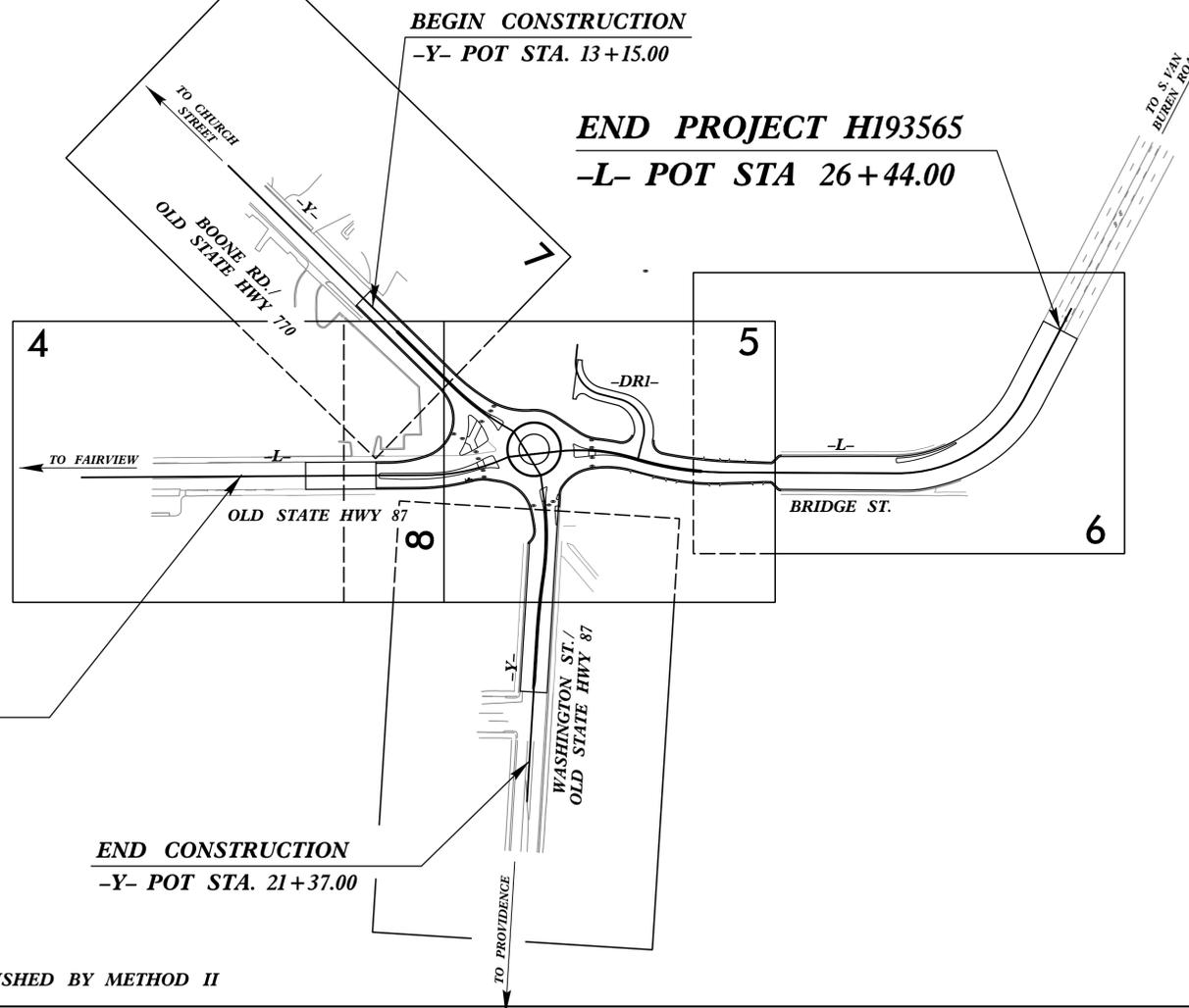
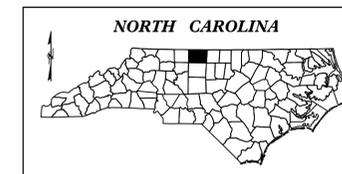
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PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	50791	EC-1	15
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50791.1		P.E.	



**LOCATION: INTERSECTION OF BRIDGE ST/(OLD STATE HWY 87) AND BOONE RD/WASHINGTON ST (OLD STATE HWY 770)**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND SIGNING**

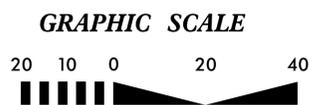


THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

**BEGIN PROJECT H193565**  
**-L- POT STA 12+50.00**

**END CONSTRUCTION**  
**-Y- POT STA. 21+37.00**

*THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARY OF EDEN.  
 CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II*



**THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER RESOURCES.**



Prepared In the Office of:  
**STV ENGINEERS, INC.**  
 900 WEST TRADE STREET, SUITE 715  
 CHARLOTTE, NC 28202

Designed by:  
**HALEY SMITH, EIT** **4688**  
 NAME LEVEL III CERTIFICATION NO.

**Roadway Standard Drawings**

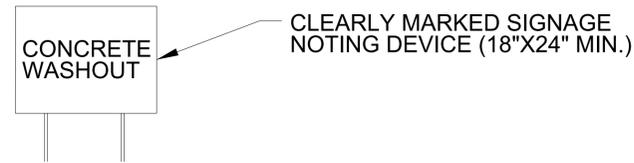
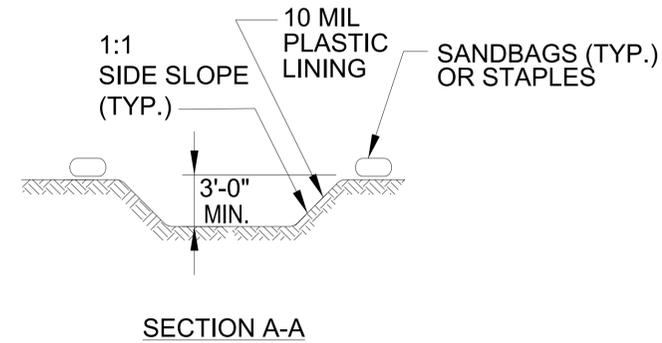
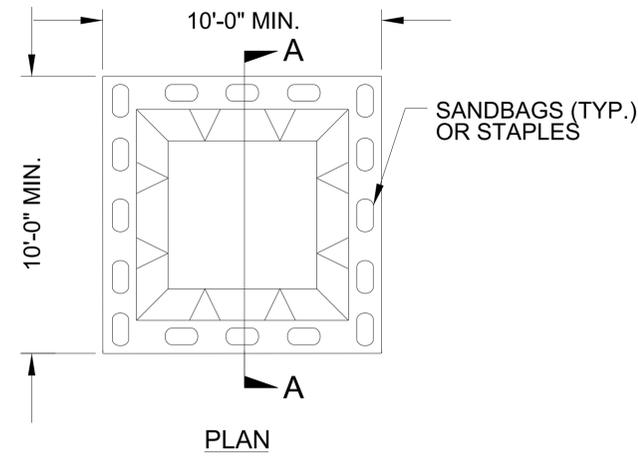
The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

# DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

## EROSION & SEDIMENT CONTROL LEGEND

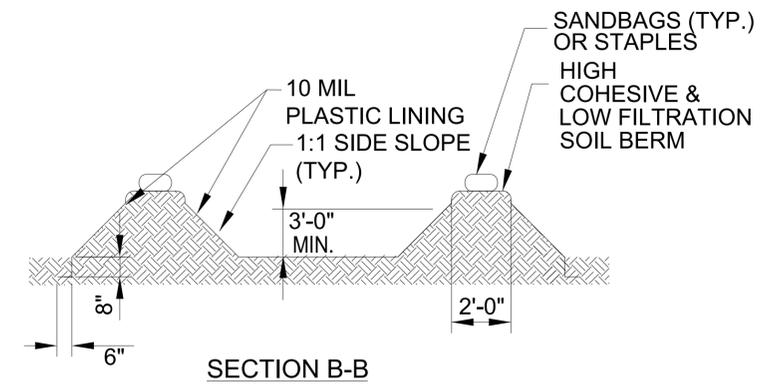
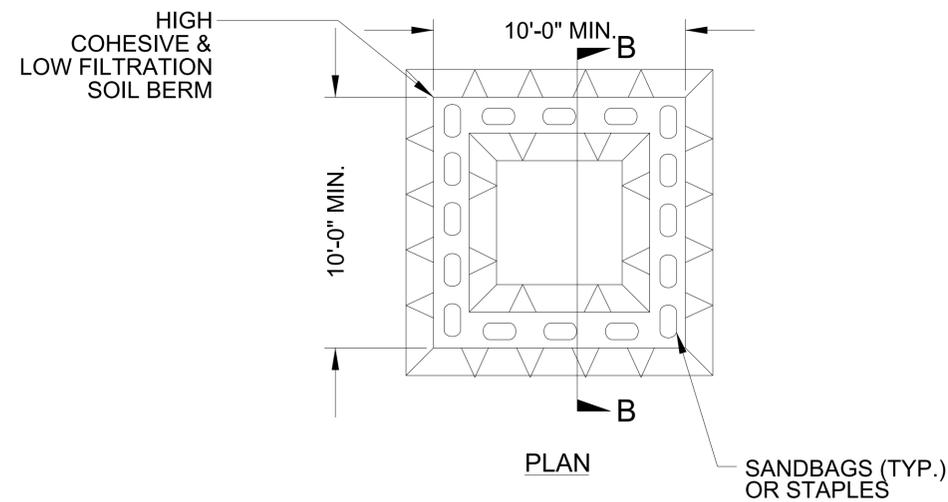
Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1630.02	Silt Basin Type B		1634.01	Temporary Rock Sediment Dam Type A	
1630.03	Temporary Silt Ditch		1634.02	Temporary Rock Sediment Dam Type B	
1630.04	Stilling Basin		1635.01	Rock Pipe Inlet Sediment Trap Type A	
1630.05	Temporary Diversion		1635.02	Rock Pipe Inlet Sediment Trap Type B	
1630.06	Special Stilling Basin		1636.01	Excelsior Wattle Check	
1630.07	Skimmer Basin		1636.01	Excelsior Wattle Check with Flocculant	
1630.08	Tiered Skimmer Basin		1636.01	Coir Fiber Wattle Check	
1630.09	Earthen Dam with Skimmer		1636.01	Coir Fiber Wattle Check with Flocculant	
	Infiltration Basin		1636.02	Silt Fence Excelsior Wattle Break	
	Rock Inlet Sediment Trap:			Silt Fence Coir Fiber Wattle Break	
1632.01	Type A		1636.02	Excelsior Wattle Barrier	
1632.02	Type B		1636.03	Coir Fiber Wattle Barrier	
1632.03	Type C				

# ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



**BELOW GRADE WASHOUT STRUCTURE**  
NOT TO SCALE

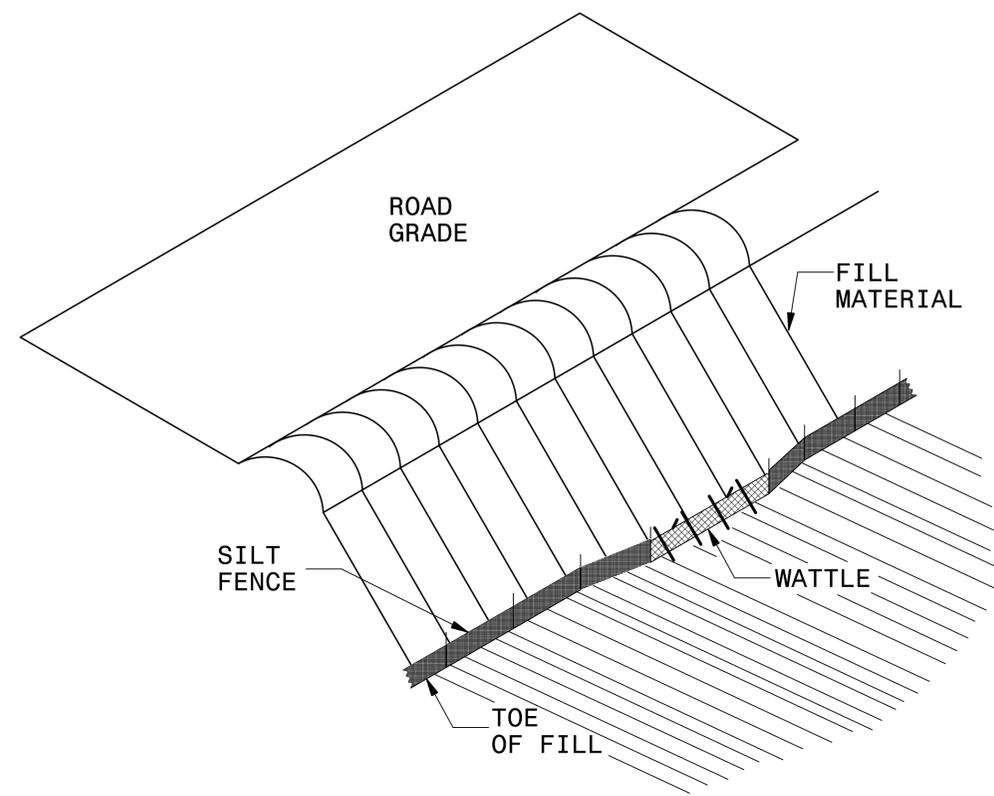
- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD.
  2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
  3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



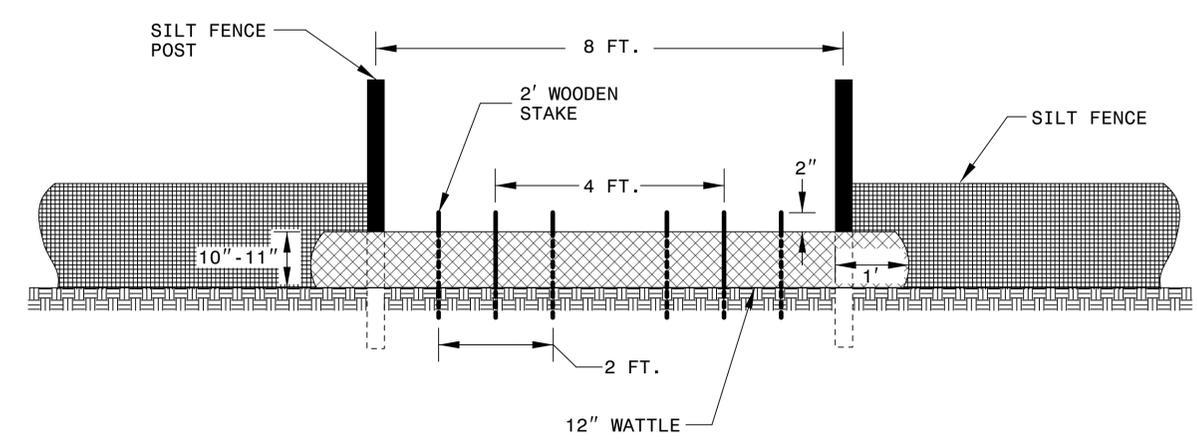
**ABOVE GRADE WASHOUT STRUCTURE**  
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD.
  2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
  3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

# SILT FENCE COIR FIBER WATTLE BREAK DETAIL



**ISOMETRIC VIEW**

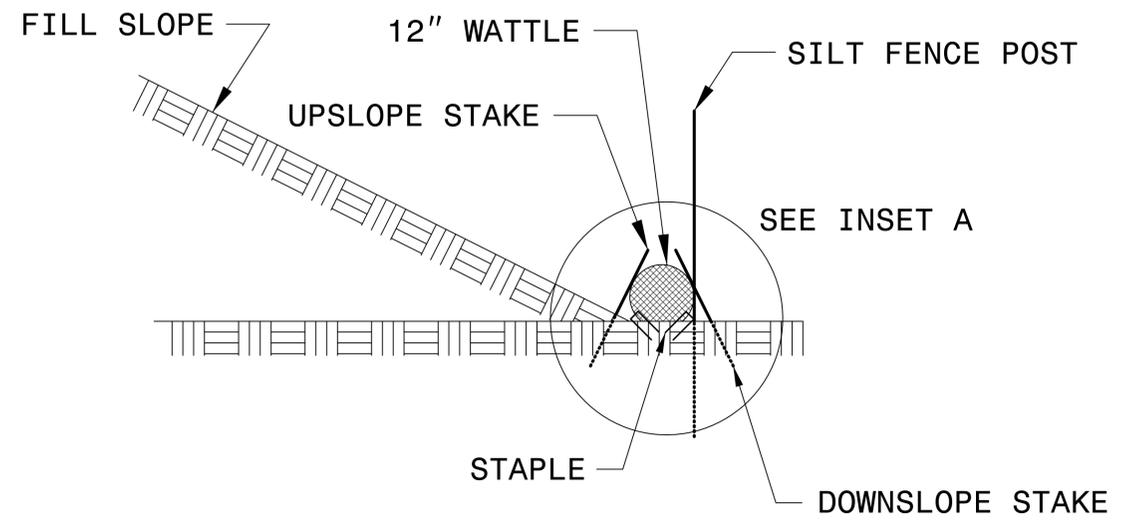
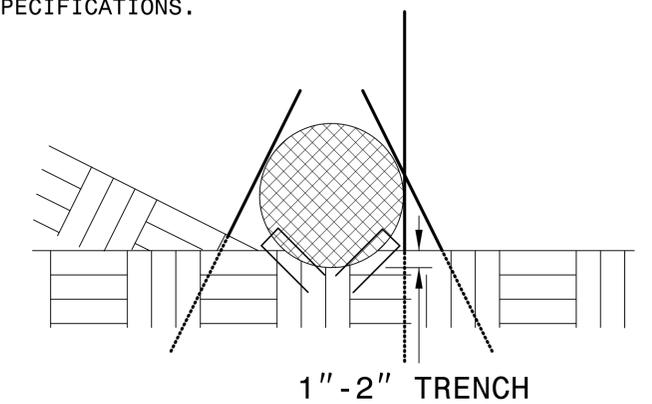


**VIEW FROM SLOPE**

**NOTES:**

- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLE ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.
- PROVIDE STAPLES MADE OF 11 GAUGE STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 6" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED.
- INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS.

**INSET A**



**SIDE VIEW**



DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

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# SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES



MATCHLINE (SHEET 7)

MATCHLINE -L- STA 15+00.00 (SHEET 5)

1  
HOOGLAND FAMILY FOUNDATION  
DB 1572 PG 1354

SPRAY BOOTH SOLUTIONS, LLC  
DB 1492 PG 2766

-L-  
BRIDGE ST.  
OLD STATE HWY 87

J S OF EDEN ENTERPRISES INC  
DB 818 PG 2381

WOODALL HOLDING CO, LLC  
DB 1621 PG 2623

3  
JHJ & WDW LAND  
COMPANY LLC  
DB 1557 PG 1325

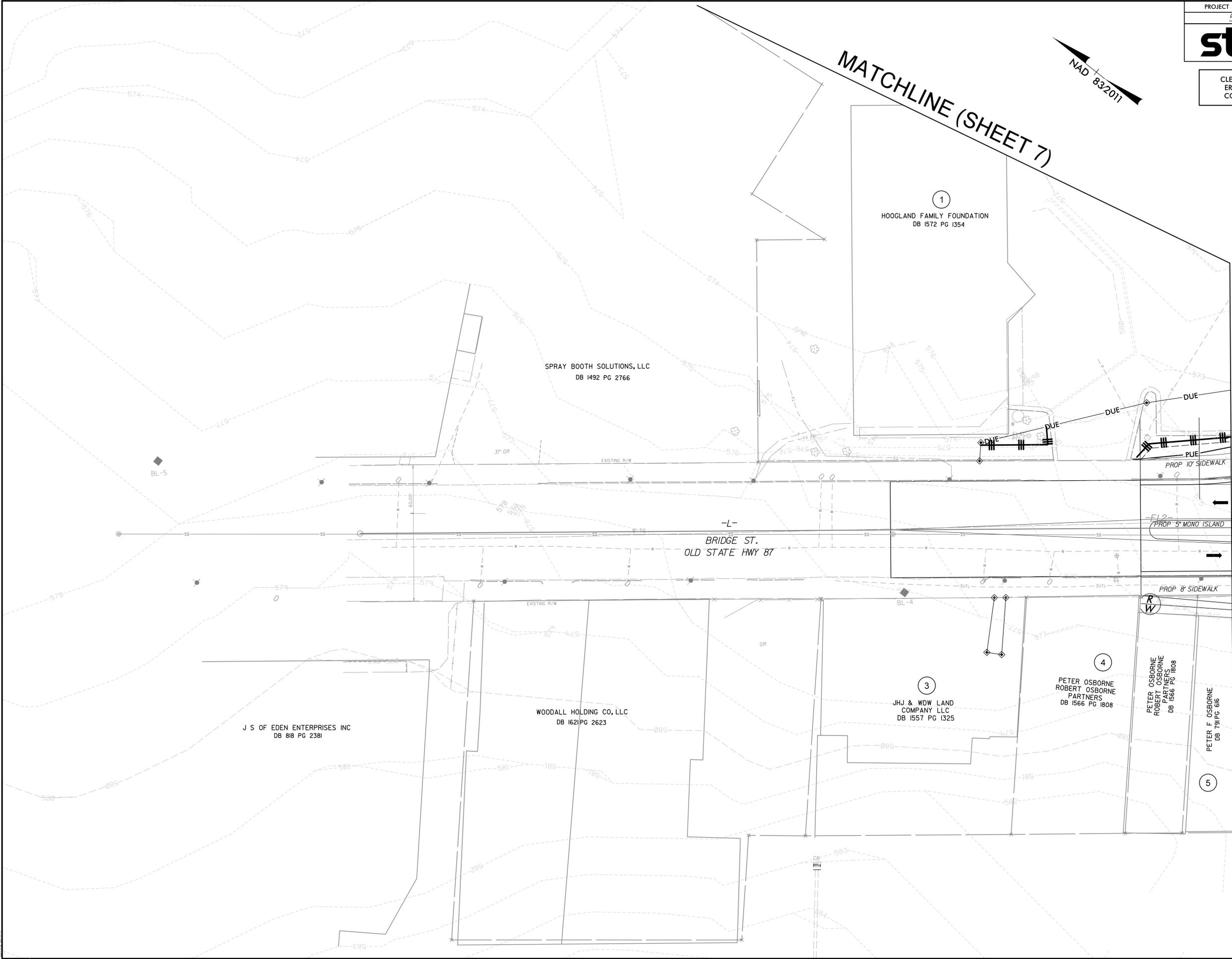
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PETER OSBORNE  
ROBERT OSBORNE  
PARTNERS  
DB 1566 PG 1808

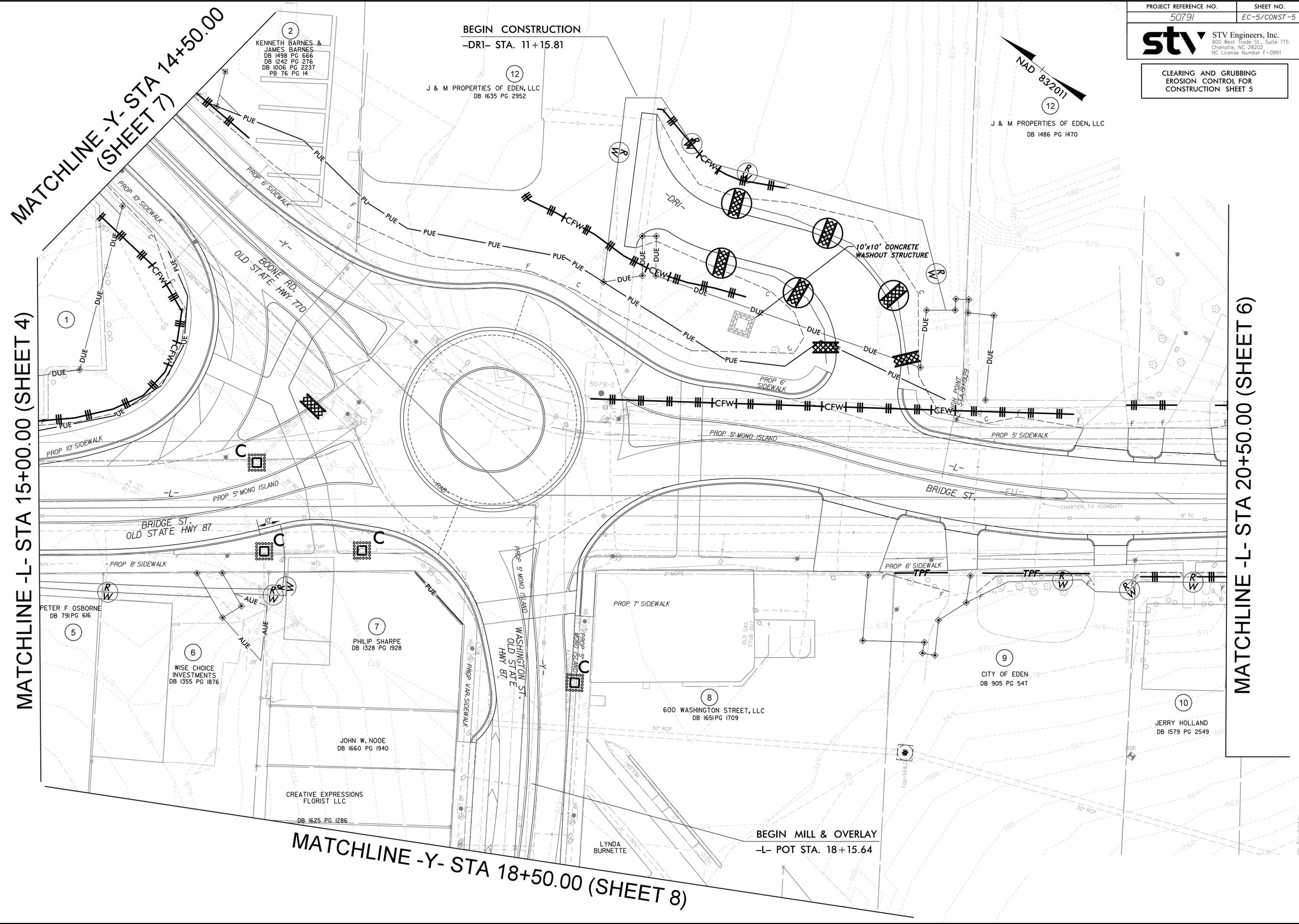
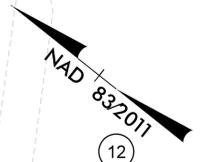
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ROBERT OSBORNE  
PARTNERS  
DB 1566 PG 1808

PETER F OSBORNE  
DB 791 PG 616

5

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BEGIN CONSTRUCTION  
 -DRI- STA. 11+15.81

BEGIN MILL & OVERLAY  
 -L- POT STA. 18+15.64

MATCHLINE -Y- STA 14+50.00  
 (SHEET 7)

MATCHLINE -L- STA 15+00.00 (SHEET 4)

MATCHLINE -Y- STA 18+50.00 (SHEET 8)

MATCHLINE -L- STA 20+50.00 (SHEET 6)

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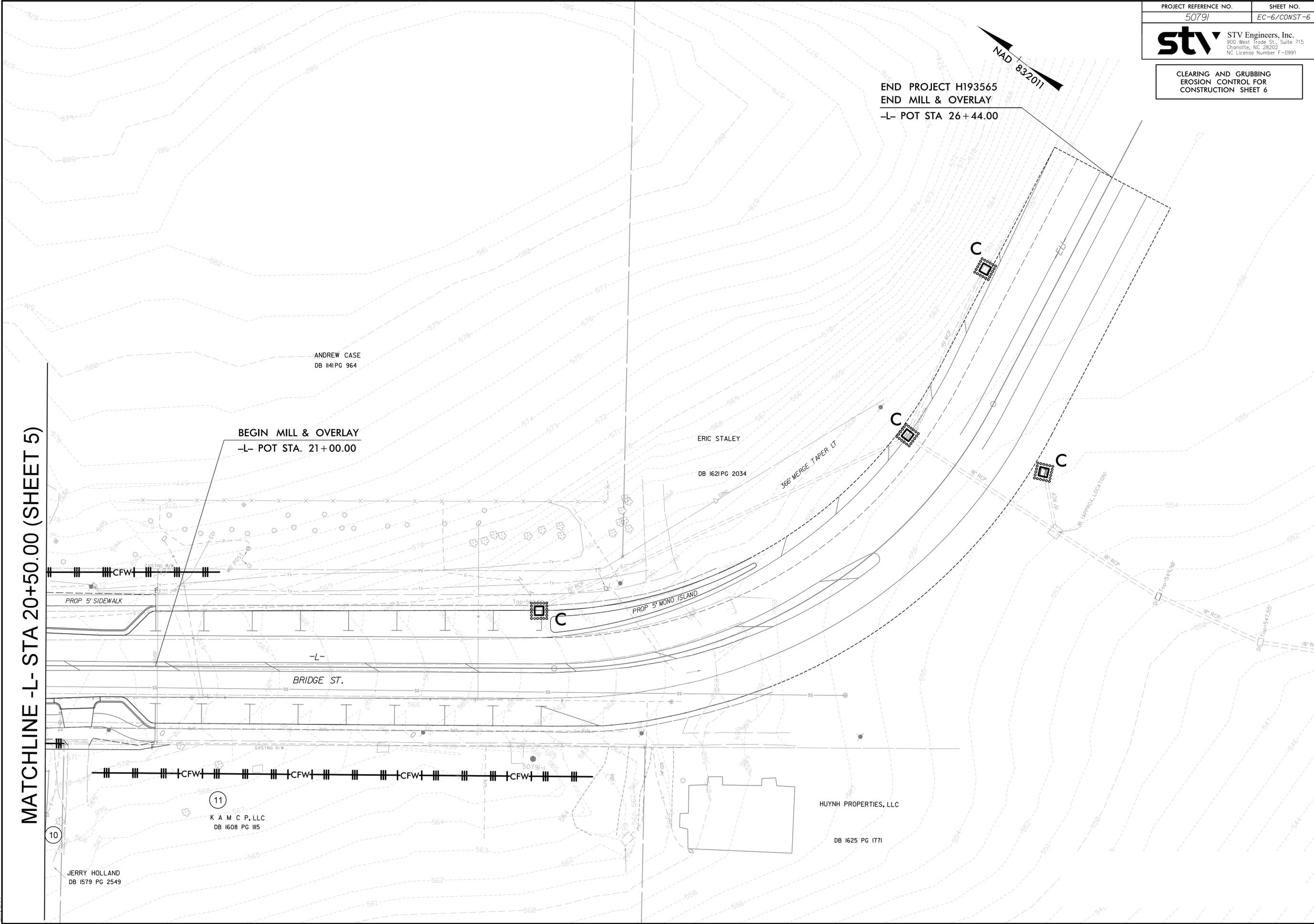
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END PROJECT H193565  
 END MILL & OVERLAY  
 -L- POT STA 26+44.00

MATCHLINE -L- STA 20+50.00 (SHEET 5)

BEGIN MILL & OVERLAY  
 -L- POT STA. 21+00.00



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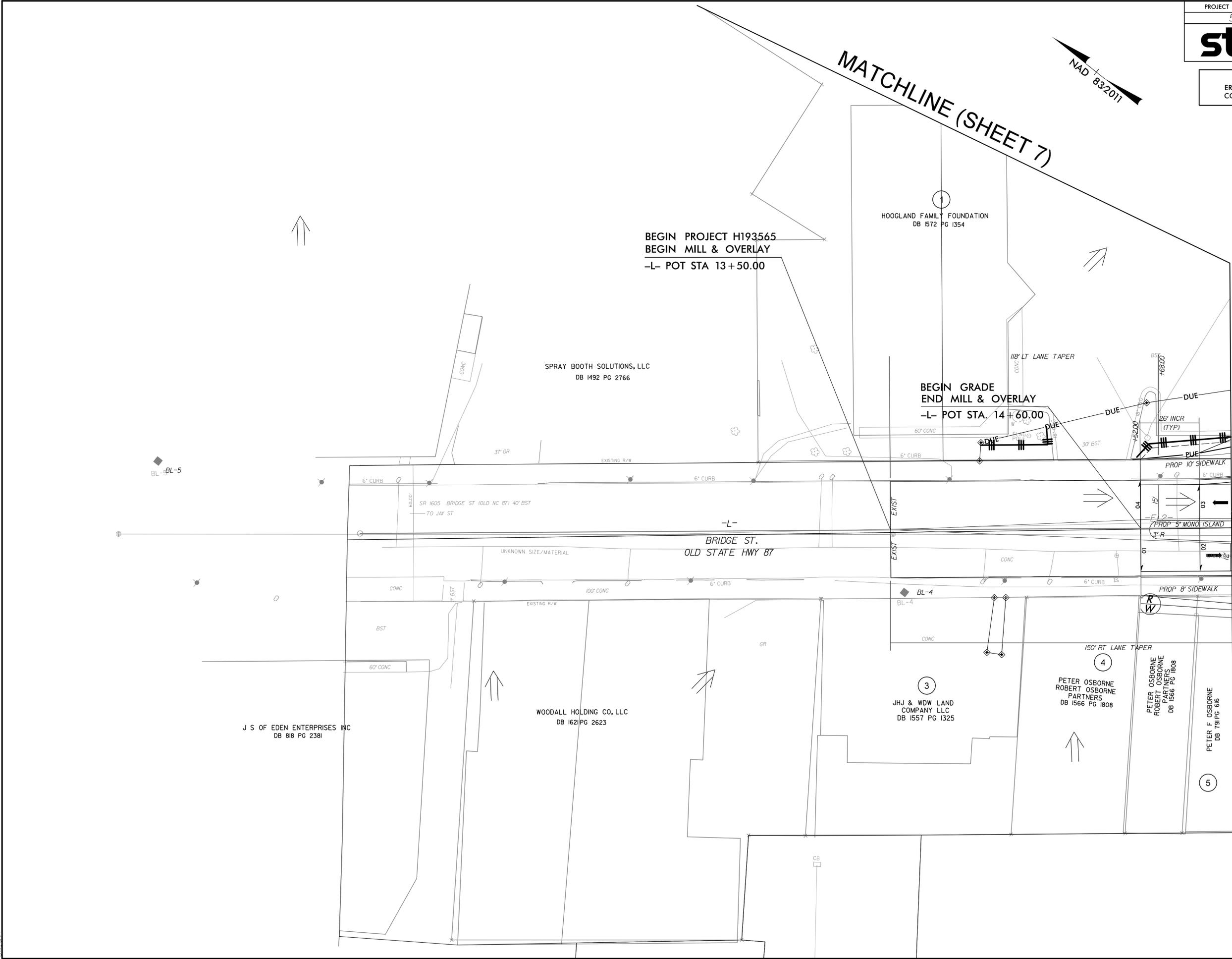


MATCHLINE (SHEET 7)

BEGIN PROJECT H193565  
 BEGIN MILL & OVERLAY  
 -L- POT STA 13+50.00

BEGIN GRADE  
 END MILL & OVERLAY  
 -L- POT STA. 14+60.00

MATCHLINE -L- STA 15+00.00 (SHEET 5)



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 10/10/2024  
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MATCHLINE -Y- STA 14+50.00  
 (SHEET 7)

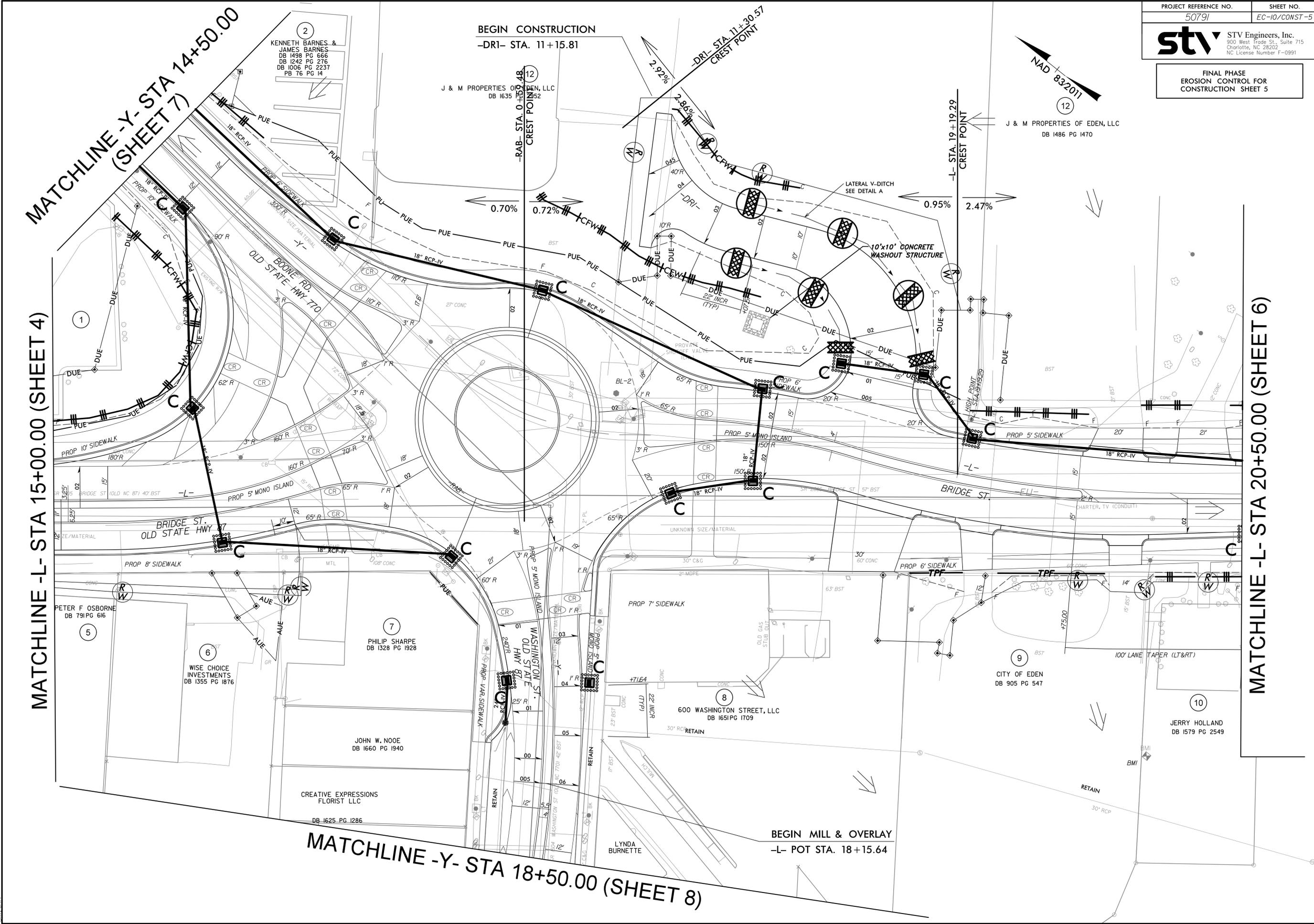
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MATCHLINE -L- STA 20+50.00 (SHEET 6)

MATCHLINE -Y- STA 18+50.00 (SHEET 8)

BEGIN CONSTRUCTION  
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BEGIN MILL & OVERLAY  
 -L- POT STA. 18+15.64

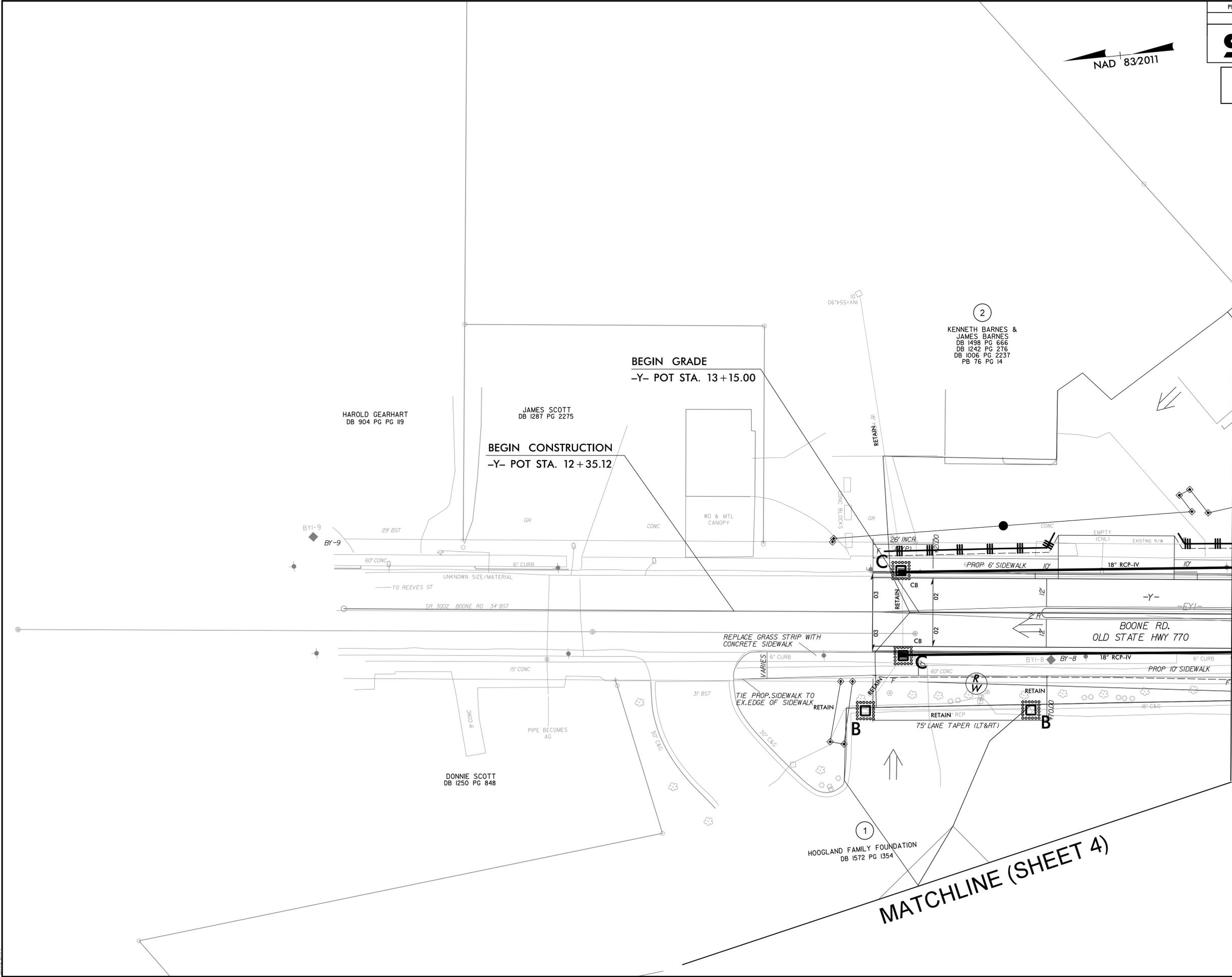


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 smt



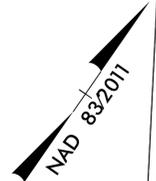


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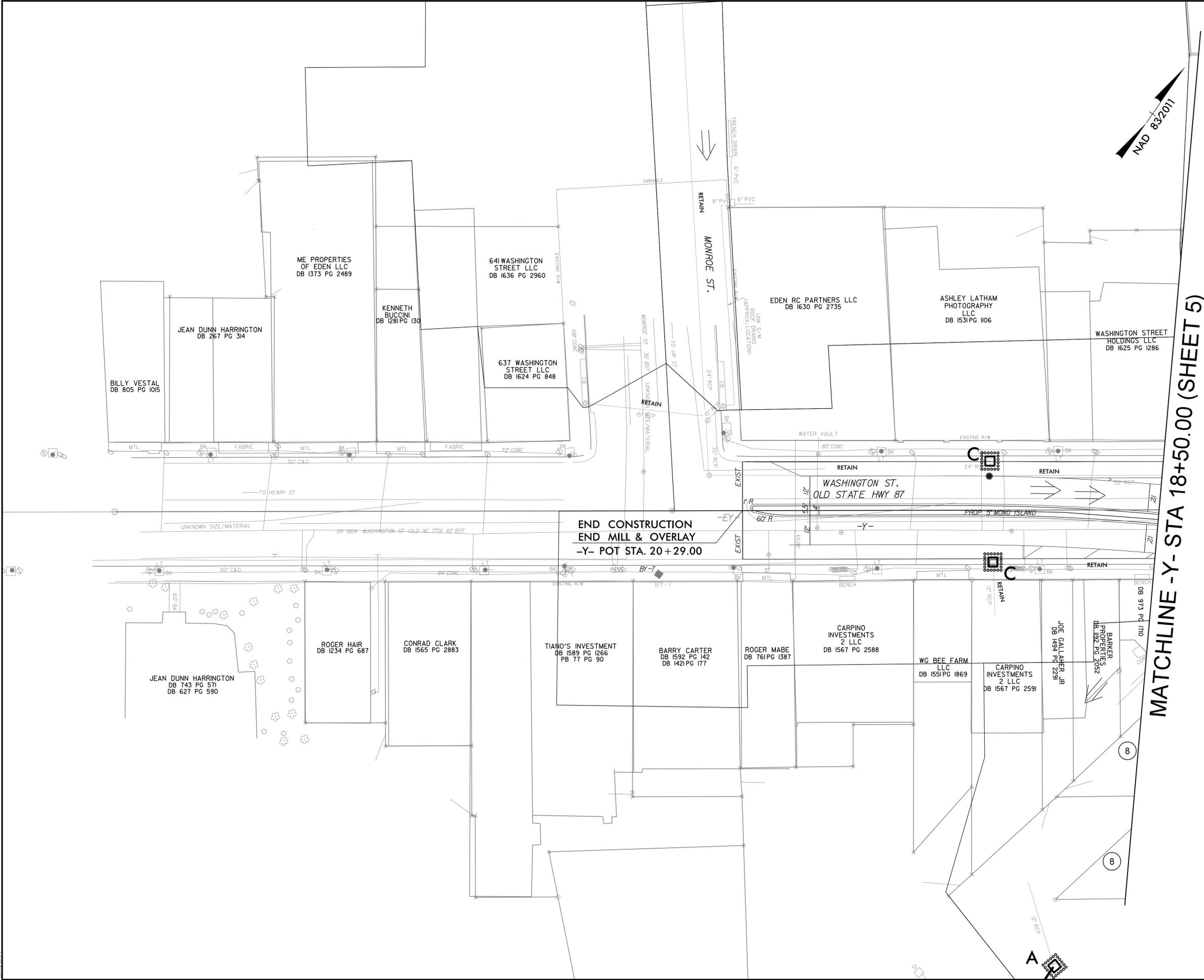


MATCHLINE -Y- STA 14+50.00 (SHEET 5)

MATCHLINE (SHEET 4)



MATCHLINE -Y- STA 18+50.00 (SHEET 5)



8/17/99  
 10/10/2024  
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 smt

TIP PROJECT: 50791

CONTRACT:

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## SIGNING PLAN ROCKINGHAM COUNTY

LOCATION: INTERSECTION OF BRIDGE ST./(OLD STATE HWY 87) AND  
BOONE ROAD /WASHINGTON STREET (OLD STATE HWY 770)

TIP NO. SHEET NO.  
50791 SIGN-1

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

SEAL



12/23/2025

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

### INDEX

SHEET NO.	DESCRIPTION
SIGN-1	SIGNING PLAN COVER SHEET
SIGN-1A	TYPE "D" & "E" SIGNS
SIGN-1B	SINGLE LANE URBAN ROUNDABOUT DETAIL
SIGN-1C	TYPE "D" DETAIL SHEET
SIGN-2 THRU SIGN-7	SIGN DETAIL SHEETS

### ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS"  
- N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C.,  
DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE  
CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE "D", "E", AND "F" SIGNS ON "U" CHANNEL POSTS

### SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000-E	901	CONTRACTOR FURNISHED, TYPE D SIGN	50	SF
4025000000-E	901	CONTRACTOR FURNISHED, TYPE E SIGN	235	SF
4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	585	LF
4096000000-N	904	SIGN ERECTION, TYPE D	2	EA
4096000000-N	904	SIGN ERECTION, TYPE E	41	EA
4116100000-N	904	SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED)	5	EA
4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	13	EA

### SIGNING GENERAL NOTES

- A) IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE / CITY MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONSTRUCTION SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- B) SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRANSPORTATION MANAGEMENT AND PAVEMENT MARKING PLANS.
- C) WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- D) WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- E) THE BACKGROUND FOR TYPE E & F SHALL BE TYPE C REFLECTIVE SHEETING, UNLESS OTHERWISE NOTICED.
- F) ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.

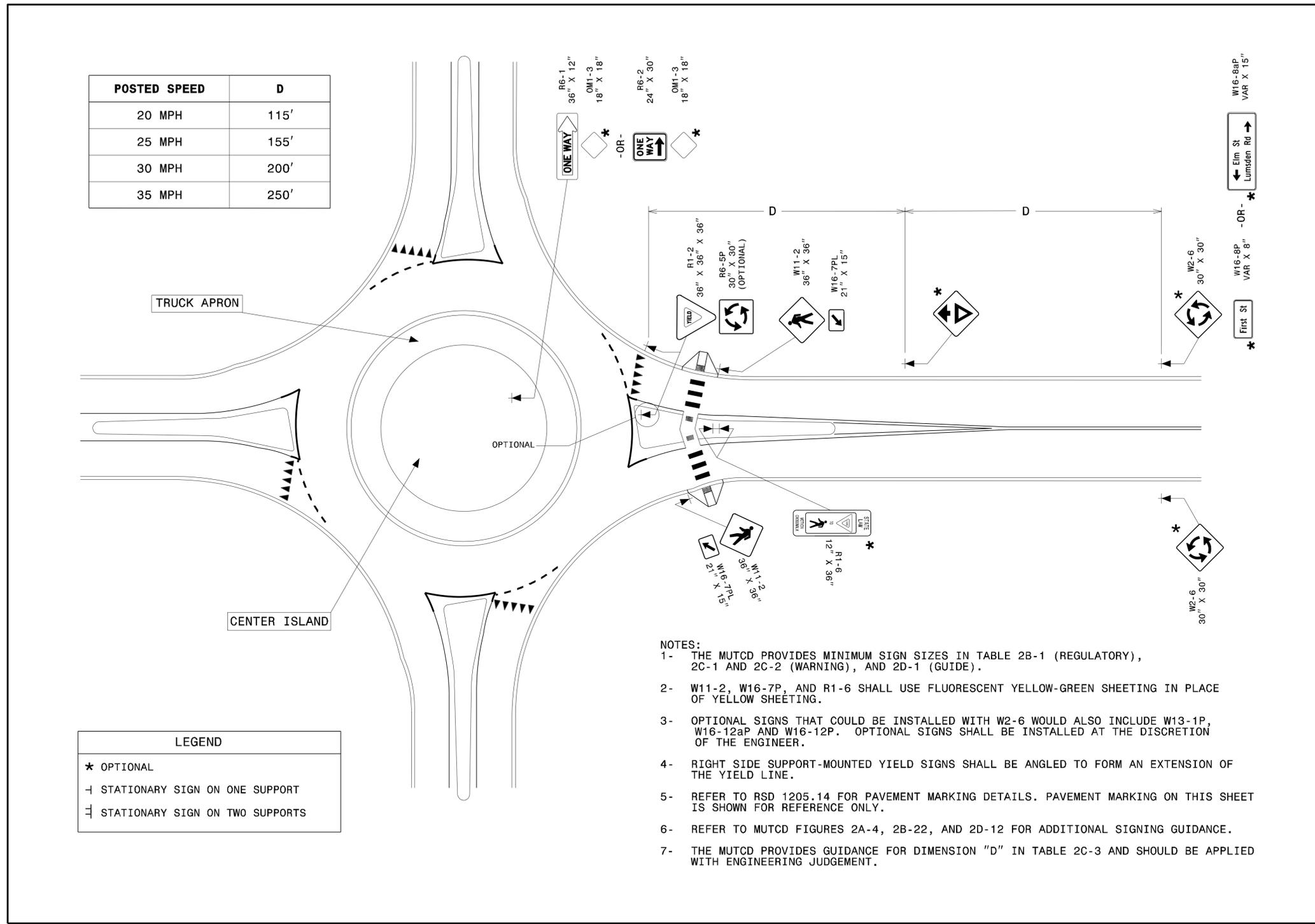
PLAN PREPARED BY:  
STV Engineers, Inc.

SEAN C. STEPHENS, PE TRAFFIC ENGINEER

CLARK GROVES TRANSPORTATION DESIGNER







POSTED SPEED	D
20 MPH	115'
25 MPH	155'
30 MPH	200'
35 MPH	250'

LEGEND	
★	OPTIONAL
—	STATIONARY SIGN ON ONE SUPPORT
— —	STATIONARY SIGN ON TWO SUPPORTS

- NOTES:
- 1- THE MUTCD PROVIDES MINIMUM SIGN SIZES IN TABLE 2B-1 (REGULATORY), 2C-1 AND 2C-2 (WARNING), AND 2D-1 (GUIDE).
  - 2- W11-2, W16-7P, AND R1-6 SHALL USE FLUORESCENT YELLOW-GREEN SHEETING IN PLACE OF YELLOW SHEETING.
  - 3- OPTIONAL SIGNS THAT COULD BE INSTALLED WITH W2-6 WOULD ALSO INCLUDE W13-1P, W16-12AP AND W16-12P. OPTIONAL SIGNS SHALL BE INSTALLED AT THE DISCRETION OF THE ENGINEER.
  - 4- RIGHT SIDE SUPPORT-MOUNTED YIELD SIGNS SHALL BE ANGLED TO FORM AN EXTENSION OF THE YIELD LINE.
  - 5- REFER TO RSD 1205.14 FOR PAVEMENT MARKING DETAILS. PAVEMENT MARKING ON THIS SHEET IS SHOWN FOR REFERENCE ONLY.
  - 6- REFER TO MUTCD FIGURES 2A-4, 2B-22, AND 2D-12 FOR ADDITIONAL SIGNING GUIDANCE.
  - 7- THE MUTCD PROVIDES GUIDANCE FOR DIMENSION "D" IN TABLE 2C-3 AND SHOULD BE APPLIED WITH ENGINEERING JUDGEMENT.

STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR  
**SINGLE LANE URBAN ROUNDABOUT  
SIGNING, WITH PEDESTRIANS**



SHEET 1B OF 2  
**910D40**

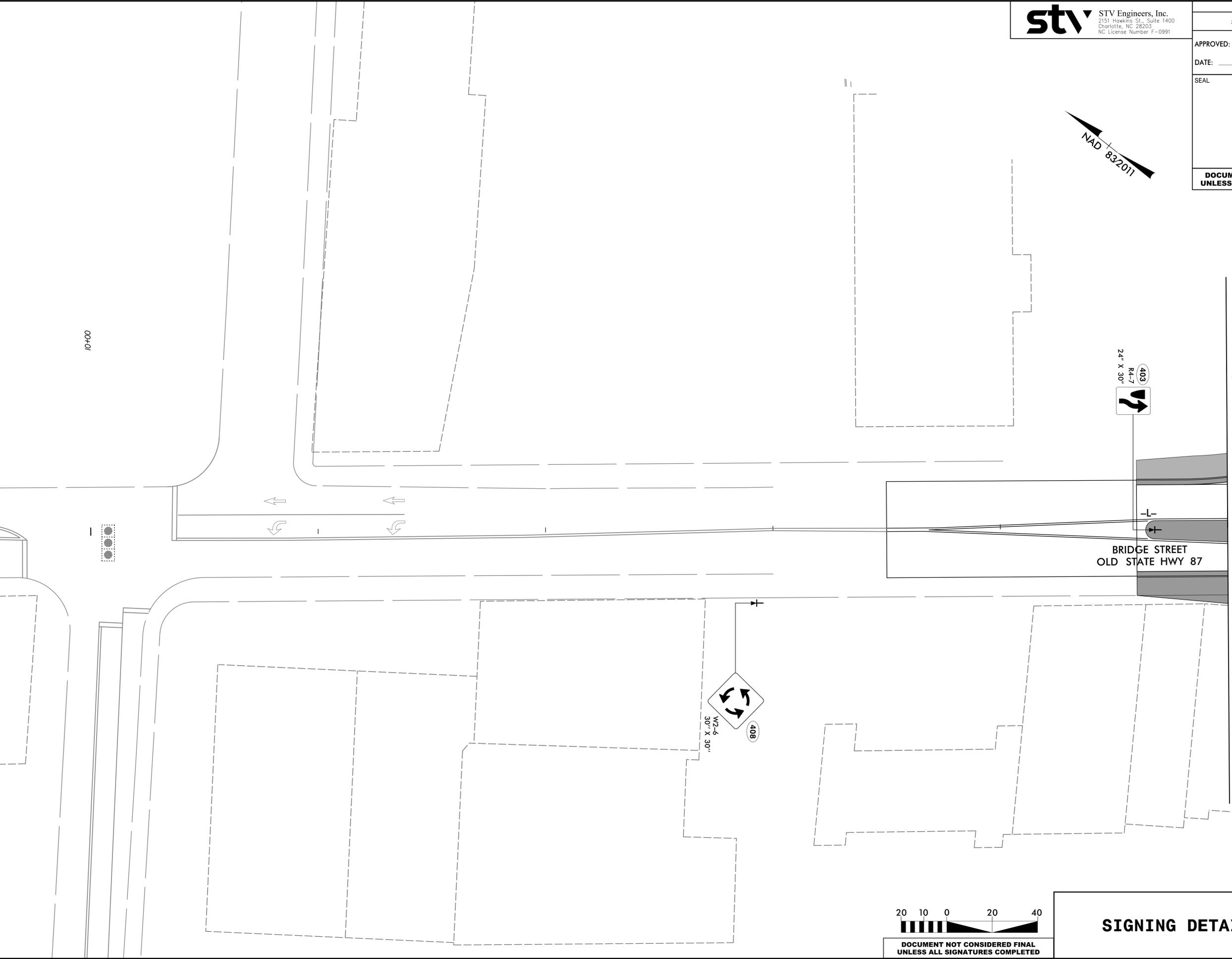
<b>CONTRACTS STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-8950 FAX 919-250-4119	
SEE TITLE BLOCK	
ORIGINAL BY: R.S. GALLO	DATE: 02-29-2024
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	



8/17/99

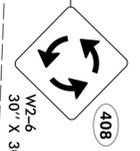
**stv** STV Engineers, Inc.  
 2151 Hawkins St., Suite 1400  
 Charlotte, NC 28203  
 NC License Number F-0991

TIP NO.	SHEET NO.
50791	SIGN-2
APPROVED: _____	
DATE: _____	
SEAL	
	
12/23/2025	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



BRIDGE STREET  
 OLD STATE HWY 87

MATCHLINE -L- STA 15+00.00 (SHEET SIGN-3)

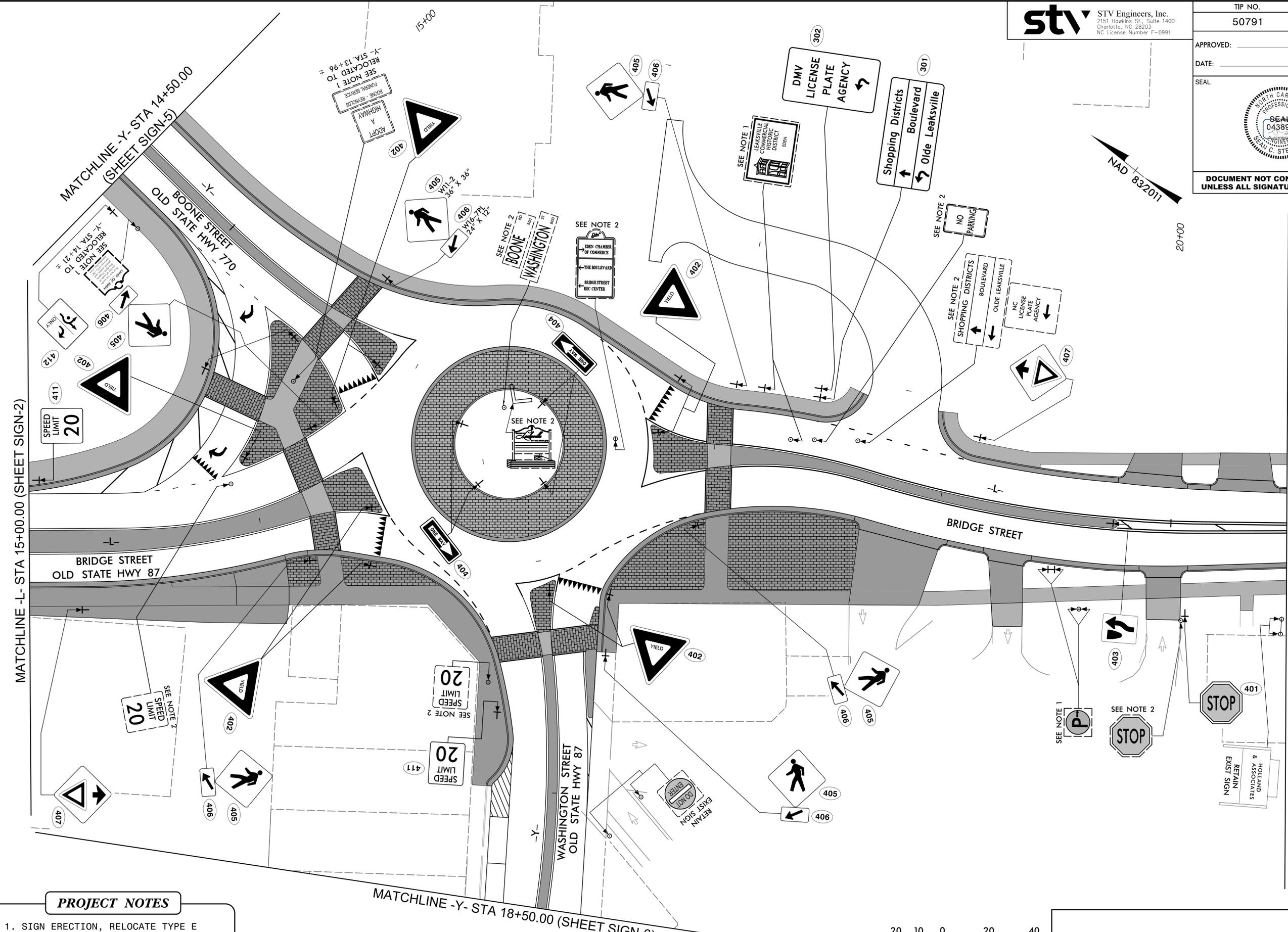


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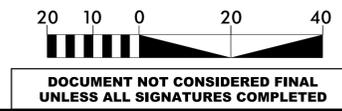
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TIP NO.	SHEET NO.
50791	SIGN-3
APPROVED:	
DATE:	
SEAL	
	
12/23/2025	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



- PROJECT NOTES**
- SIGN ERECTION, RELOCATE TYPE E
  - DISPOSAL OF SIGN SYSTEM, U-CHANNEL



**SIGNING DETAIL SHEET**

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MATCHLINE -L- STA 15+00.00 (SHEET SIGN-2)

MATCHLINE -Y- STA 14+50.00 (SHEET SIGN-5)

MATCHLINE -Y- STA 18+50.00 (SHEET SIGN-6)

MATCHLINE -L- STA 20+50.00 (SHEET SIGN-4)





8/17/99

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Charlotte, NC 28203  
NC License Number F-0991

TIP NO.	SHEET NO.
50791	SIGN-5

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

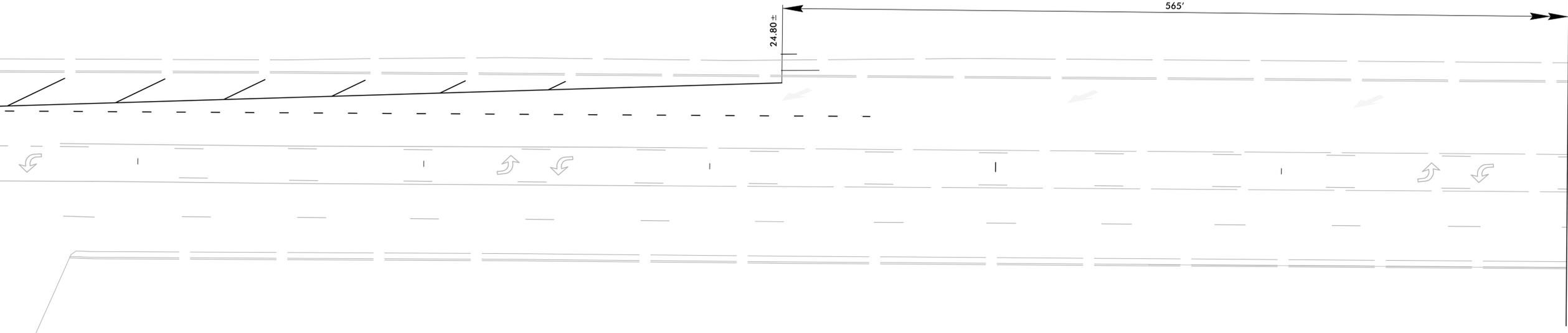
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12/23/2025

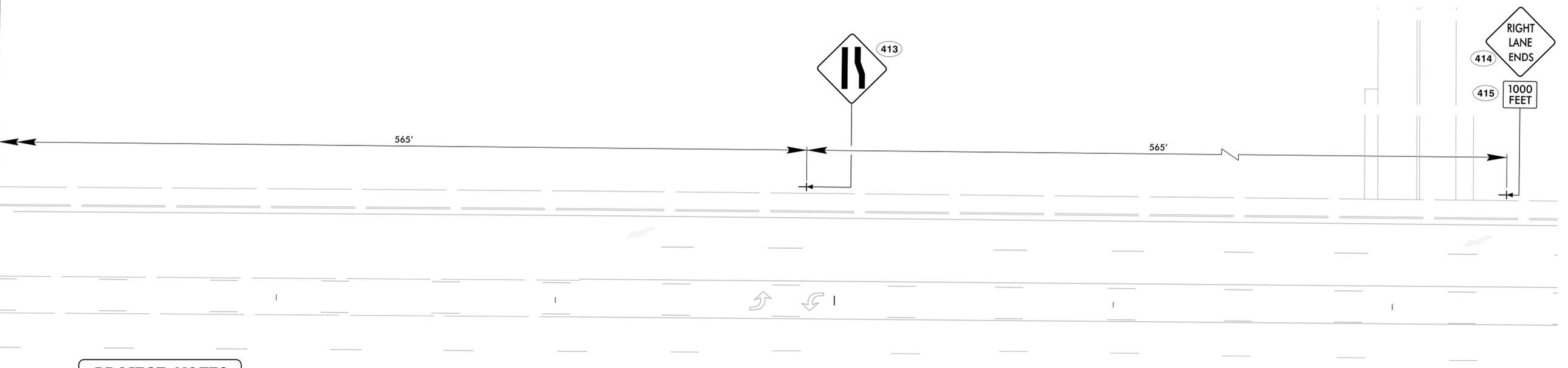


MATCHLINE -L- STA 26+50.00 (SHEET 6)



MATCHLINE -L- STA 33+00.00 (BOTTOM)

MATCHLINE -L- STA 33+00.00(TOP)



**PROJECT NOTES**

1. SIGN ERECTION, RELOCATE TYPE E
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**SIGNING DETAIL SHEET**

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8/17/99

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2151 Hawkins St., Suite 1400  
Charlotte, NC 28203  
NC License Number F-0991

TIP NO.	SHEET NO.
50791	SIGN-6

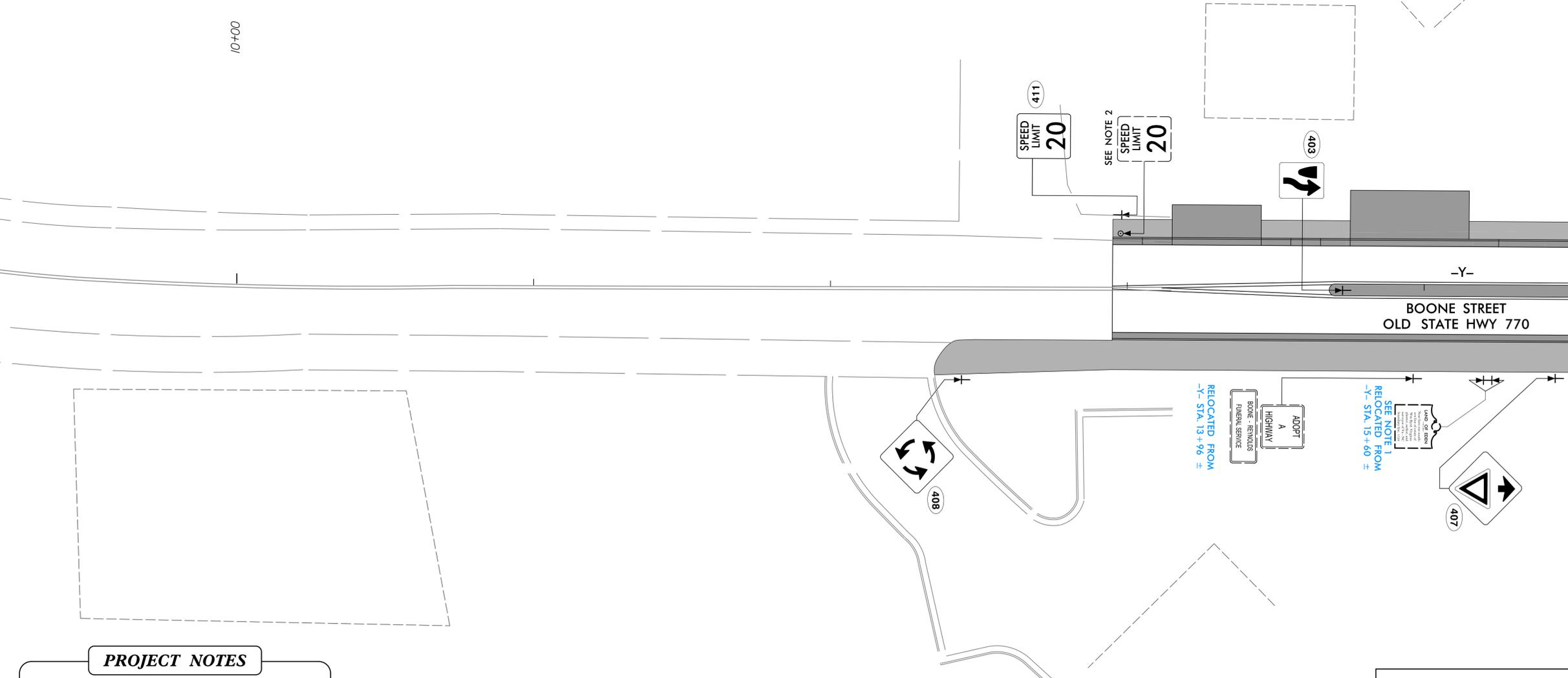
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DATE: \_\_\_\_\_

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**PROJECT NOTES**

1. SIGN ERECTION, RELOCATE TYPE E
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**SIGNING DETAIL SHEET**

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8/17/99

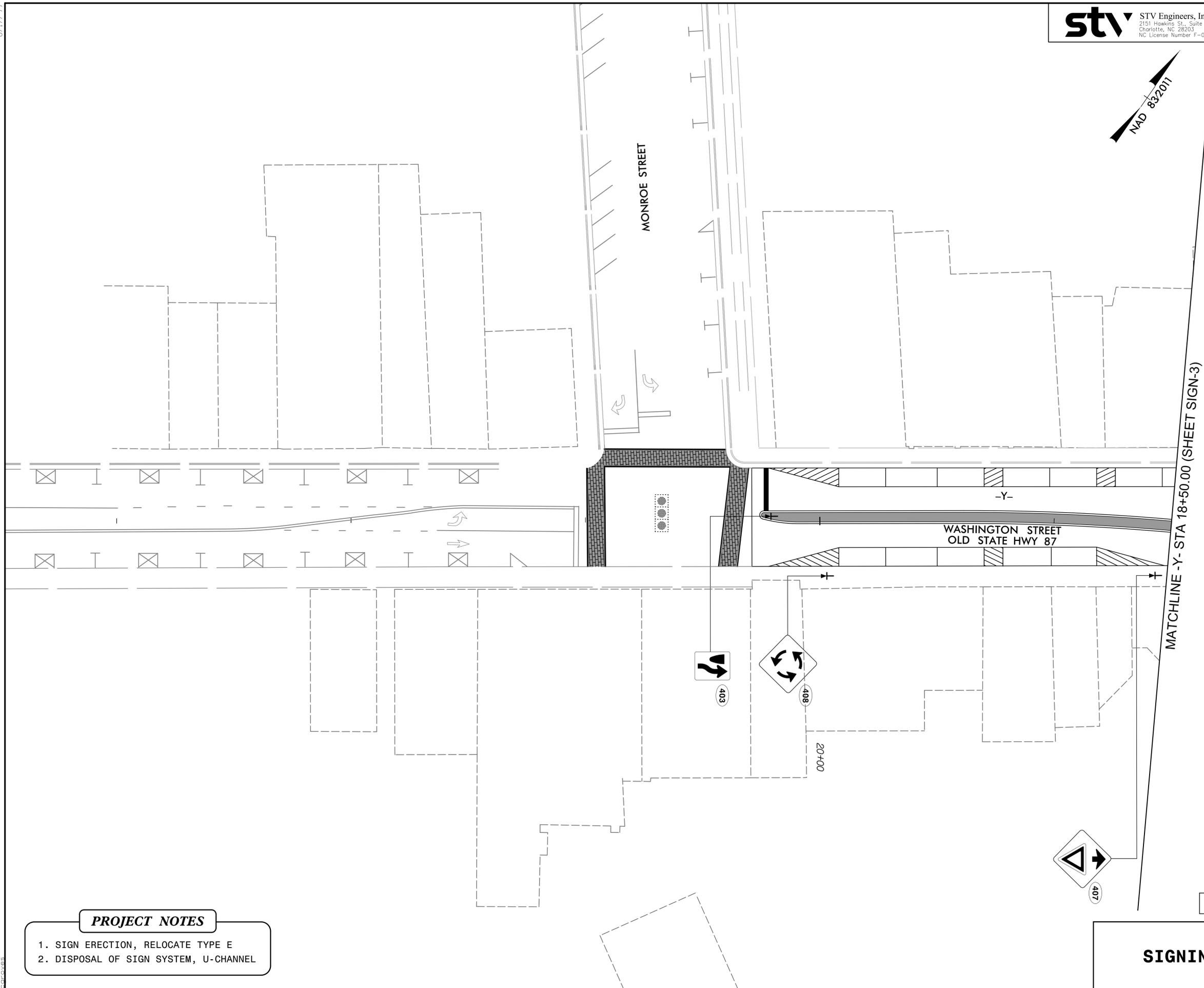
**stv** STV Engineers, Inc.  
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 Charlotte, NC 28203  
 NC License Number F-0991

TIP NO.	SHEET NO.
50791	SIGN-7

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 SEAL

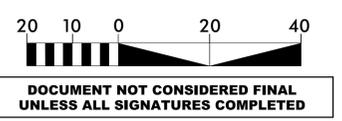


12/23/2025



**PROJECT NOTES**

1. SIGN ERECTION, RELOCATE TYPE E
2. DISPOSAL OF SIGN SYSTEM, U-CHANNEL



**SIGNING DETAIL SHEET**

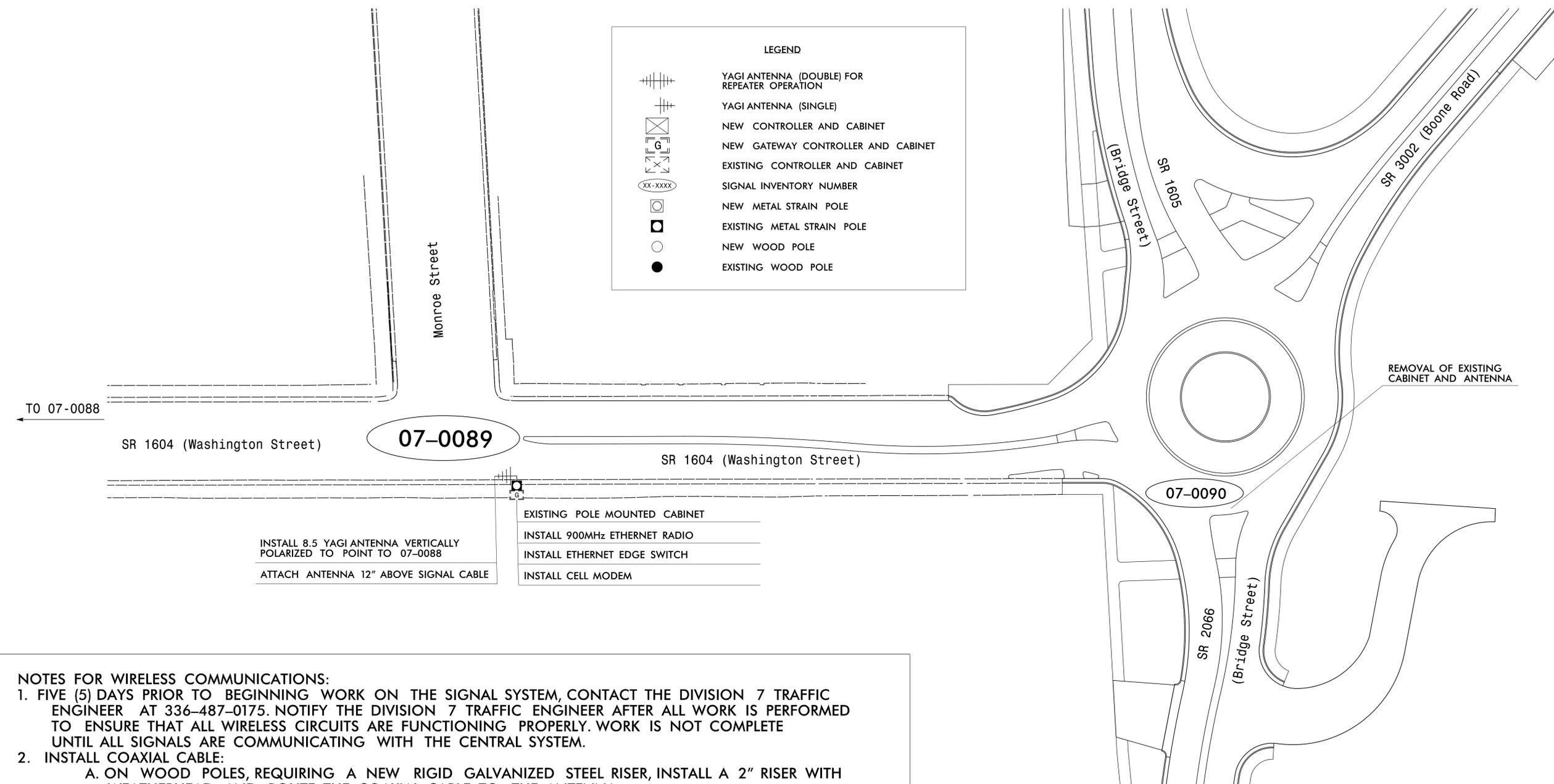
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 S:\C:\Users\scs\Documents











INSTALL 8.5 YAGI ANTENNA VERTICALLY  
POLARIZED TO POINT TO 07-0088  
ATTACH ANTENNA 12" ABOVE SIGNAL CABLE

EXISTING POLE MOUNTED CABINET  
INSTALL 900MHz ETHERNET RADIO  
INSTALL ETHERNET EDGE SWITCH  
INSTALL CELL MODEM

- NOTES FOR WIRELESS COMMUNICATIONS:**
- FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THE SIGNAL SYSTEM, CONTACT THE DIVISION 7 TRAFFIC ENGINEER AT 336-487-0175. NOTIFY THE DIVISION 7 TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL WIRELESS CIRCUITS ARE FUNCTIONING PROPERLY. WORK IS NOT COMPLETE UNTIL ALL SIGNALS ARE COMMUNICATING WITH THE CENTRAL SYSTEM.
  - INSTALL COAXIAL CABLE:
    - ON WOOD POLES, REQUIRING A NEW RIGID GALVANIZED STEEL RISER, INSTALL A 2" RISER WITH WEATHERHEAD AND ROUTE THE COAXIAL CABLE TO THE ANTENNA.
    - ON METAL POLES WITH MAST ARMS, RUN COAXIAL CABLE UP THROUGH THE POLE AND OUT THE MAST ARM; FIELD DRILL A 1/2" HOLE UP THROUGH THE BOTTOM OF THE MAST ARM FOR INSTALLATION OF THE COAXIAL CABLE TO THE ANTENNA.
    - ON METAL STRAIN POLES, RUN COAXIAL CABLE UP THROUGH THE POLE AND OUT THE WEATHERHEAD AND ROUTE THE COAXIAL CABLE TO THE ANTENNA.
    - BETWEEN THE POINT OF EXITING THE RISER, METAL POLE, OR MAST ARM AND THE ANTENNA, SECURE THE COAXIAL CABLE TO THE STRUCTURE USING 3/4" STAINLESS STEEL STRAPS EVERY 12".
  - IF AN EXISTING 2" SPARE RIGID GALVANIZED STEEL RISER IS AVAILABLE, INSTALL THE COAXIAL CABLE IN THE SPARE RISER.
  - INSTALL WIRELESS ANTENNA ON POLE WITH RF WARNING SIGN.  
(NOTE: RF WARNING SIGN NOT REQUIRED WHEN ANTENNA IS INSTALLED ON AN NCDOT-OWNED POLE.)
  - MAINTAIN PROPER CLEARANCE FROM ALL UTILITIES PER THE NATIONAL ELECTRIC SAFETY CODE.
  - INSTALL WIRELESS SERIAL RADIO MODEM WITH EXTERIOR DISCONNECT SWITCH LOCATED ON CABINET.  
(NOTE: RF ANTENNA DISCONNECT SWITCH AND DECAL ARE NOT REQUIRED WHEN THE ANTENNA IS INSTALLED ON AN NCDOT-OWNED POLE.)
  - REFERENCE "SPREAD SPECTRIUM RADIO ROADWAY STANDARD DRAWINGS 1736.01".
  - CELL MODEMS TO BE SUPPLIED BY THE DEPARTMENT, CONTACT THE DIVISION 7 TRAFFIC ENGINEER AT 366-487-0175 TO REQUEST THE CELL MODEM. ALLOW 8 WEEKS LEAD TIME BEFORE ANTICIPATED DEPLOYMENT.
  - NEW GATEWAY CABINET LOCATION MOVED FROM SIG. 07-0090 TO SIG. 07-0089.

Final Signal Communication Plan

<p><b>STV Engineers, Inc.</b> 2151 Hawkins St., Suite 1400 Charlotte, NC 28203 (704) 372-1885 NC License Number F-0991</p>	<p>Prepared for the Office of:</p> <p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>WIRELESS COMMUNICATIONS PLANS D07-19 EDEN</p>		<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>				
		<p>Division 7    Rockingham County    Eden</p> <p>PLAN DATE: December 2025    REVIEWED BY: A. Wiseman</p> <p>PREPARED BY: G. Whitehouse    REVIEWED BY: B. Roth-Roffy</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS	INIT.	DATE	
REVISIONS	INIT.	DATE						